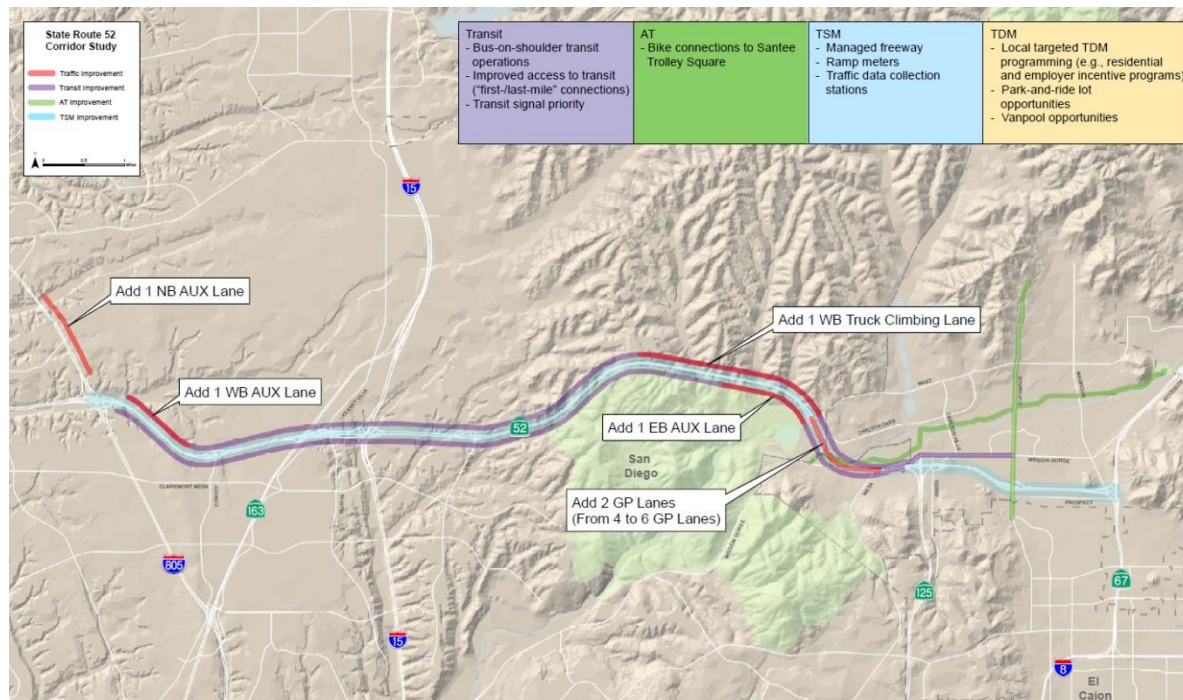


SR 52 Corridor Study – Alternative Multi-Modal Improvement Packages



Build Alternative 1 (Operational): 6 General Purpose Lanes + Auxiliary Lanes + Truck Climbing Lane



Improvements:

General purpose (GP) lanes

- SR 52 (Mast Blvd to SR 125): 6 GP lanes

Auxiliary (AUX) lanes

- EB SR 52 (Spring Canyon bridge to Mast Blvd): 1 AUX lane
- WB SR 52 (Convoy St to I-805): 1 AUX lane
- NB I-805 (SR 52 to n/o Governor Dr): 1 AUX lane

Truck climbing (TC) lanes

- WB SR 52 (Mast Blvd to crest of hill): 1 TC lane

Bridge Widening

- SR-52 (San Diego River Bridge)
- SR 52 (Oak Canyon Bridge)
- SR52 (Spring Canyon Bridge)
- NB I-805 (Governor Drive Bridge)

Transit Improvements

- Bus-on-shoulder transit operations
- Improved access to transit ("first-/last-mile" connections)
- Transit signal priority

Active Transportation Improvements

- Bike connections to Santee Trolley Square

Traffic System Management

- Managed Freeway
- Ramp meters
- Traffic data collection stations
- TMC connection

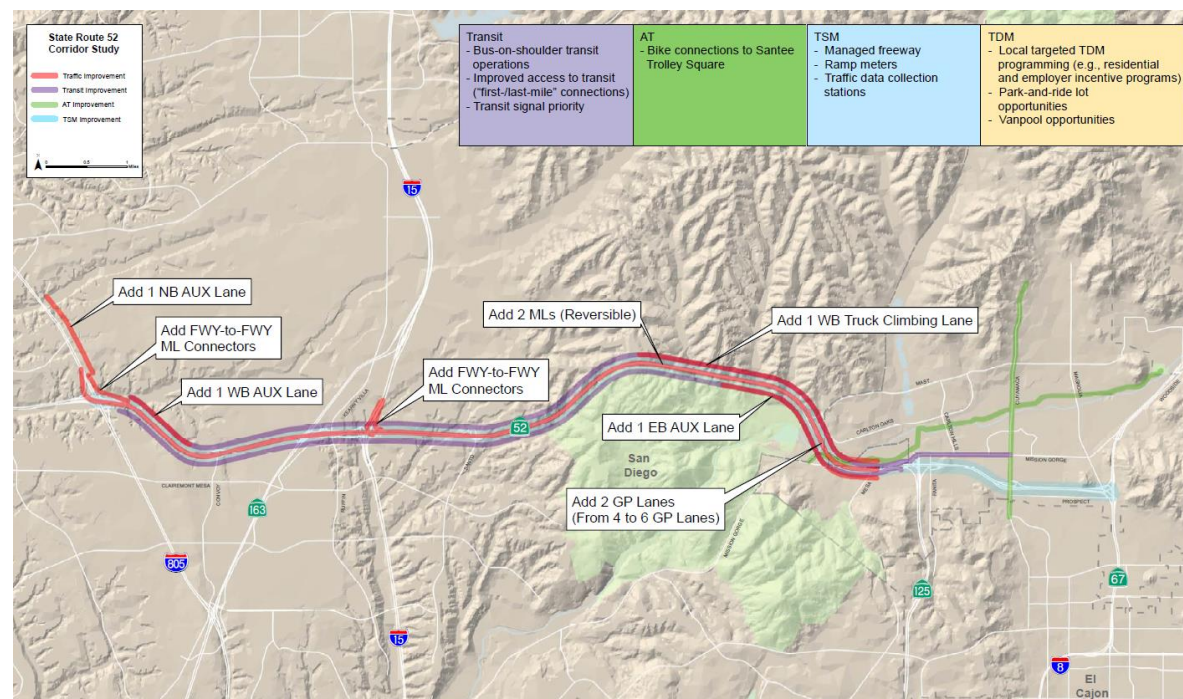
Transportation Demand Management

- Local targeted TDM programming (e.g., residential and employer incentive programs)
- Park-and-ride lot opportunities
- Vanpool opportunities



SR 52 Corridor Study – Alternative Multi-Modal Improvement Packages

Build Alternative 2 (Ultimate): General Purpose Lanes + 2 Managed Lanes (reversible) + Auxiliary Lanes + Truck Climbing Lane + Freeway-to-Freeway Managed Lane Connectors



Improvements:

General purpose (GP) lanes

- SR 52 (Mast Blvd to SR 125): 6 GP lanes

Auxiliary (AUX) lanes

- EB SR 52 (Spring Canyon bridge to Mast Blvd): 1 AUX lane
- WB SR 52 (Convoy St to I-805): 1 AUX lane
- NB I-805 (SR 52 to n/o Governor Dr): 1 AUX lane

Truck climbing (TC) lanes

- WB SR 52 (Mast Blvd to crest of hill): 1 TC lane

Managed lanes (MLs)

- SR 52 (I-805 to SR 125): 2 MLs (reversible)

FWY-to-FWY ML connectors

- I-805/SR 52: west to north, south to east
- I-15/SR 52: west to north, south to east Bridge

Widening

- SR-52 (San Diego River Bridge)
- SR 52 (Oak Canyon Bridge)
- SR52 (Spring Canyon Bridge)
- NB I-805 (Governor Drive Bridge)

Transit Improvements

- Bus-on-shoulder transit operations
- Improved access to transit ("first-/last-mile" connections)
- Transit signal priority

Active Transportation Improvements

- Bike connections to Santee Trolley Square

Traffic System Management

- Managed Freeway
- Ramp meters
- Traffic data collection stations
- TMC connection

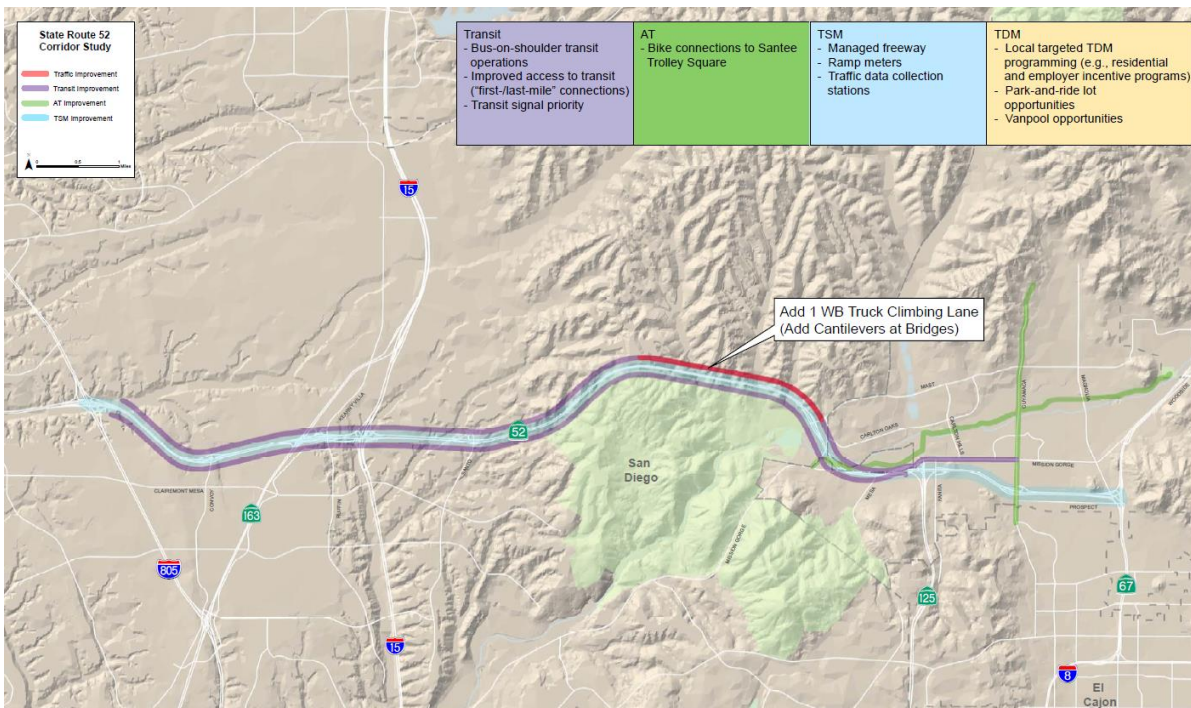
Transportation Demand Management

- Local targeted TDM programming (e.g., residential and employer incentive programs)
- Park-and-ride lot opportunities
- Vanpool opportunities

SR 52 Corridor Study – Alternative Multi-Modal Improvement Packages



Build Alternative 3 (Minimal): 4/6 General Purpose Lanes + Truck Climbing Lane



Improvements:

Truck climbing (TC) lanes

- WB SR 52 (Mast Blvd to crest of hill): 1 TC lane

Cantilevers

- WB SR 52: At Spring Canyon and Oak Canyon bridges, cantilevers for bike lane

Transit Improvements

- Bus-on-shoulder transit operations
- Improved access to transit ("first-/last-mile" connections)
- Transit signal priority

Active Transportation Improvements

- Bike connections to Santee Trolley Square

Traffic System Management

- Managed Freeway
- Ramp meters
- Traffic data collection stations
- TMC connection

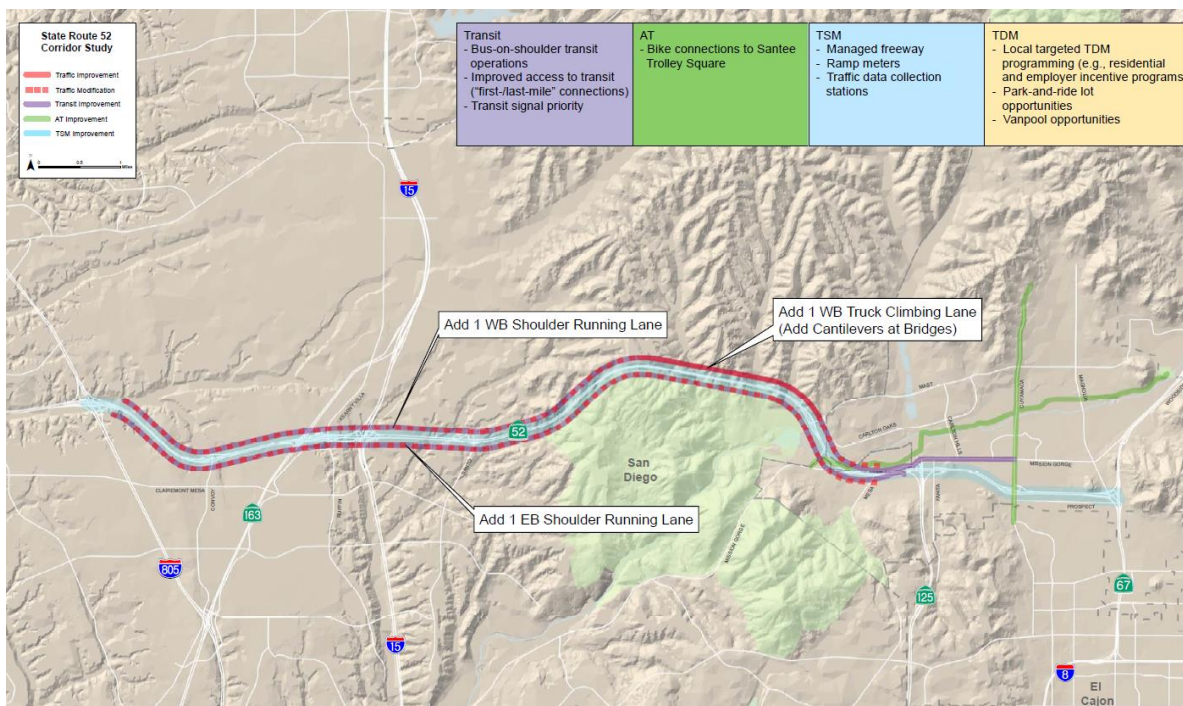
Transportation Demand Management

- Local targeted TDM programming (e.g., residential and employer incentive programs)
- Park-and-ride lot opportunities
- Vanpool opportunities

SR 52 Corridor Study – Alternative Multi-Modal Improvement Packages



Build Alternative 4 (Shoulder Running): 4/6 General Purpose Lanes + Truck Climbing Lane+ 2 Peak Hour Shoulder Running Lanes



Improvements:

Truck climbing (TC) lanes

- WB SR 52 (Mast Blvd to crest of hill): 1 TC lane

Cantilevers

- WB SR 52: At Spring Canyon and Oak Canyon bridges, cantilevers for bike lane

Transit Improvements

- Bus-on-shoulder transit operations
- Improved access to transit ("first-/last-mile" connections)
- Transit signal priority

Active Transportation Improvements

- Bike connections to Santee Trolley Square

Traffic System Management

- Managed Freeway
- Ramp meters
- Traffic data collection stations
- TMC connection

Transportation Demand Management

- Local targeted TDM programming (e.g., residential and employer incentive programs)
- Park-and-ride lot opportunities
- Vanpool opportunities

Modifications:

Peak hour shoulder running

- SR 52 (I-805 to SR 125): 2 shoulder running lanes